SEQUENCE LISTING

<110> Chain, Benjamin

<120> CHIMERIC PEPTIDES AS IMMUNOGENS, ANTIBODIES THERETO, AND METHODS FOR IMMUNIZATION USING CHIMERIC PEPTIDES OR ANTIBODIES

<130> 20555/1203433-US1

<140> 09/731,899
<141> 2000-12-08

<150> 60/169,687
<151> 1999-12-08

<160> 27

<170> PatentIn version 3.3

<210> 1
<211> 59
<212> PRT
<213> Homo sapiens

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Glu Val Lys Met Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val
1 5 10 15

His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys
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Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val
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Ile Val Ile Thr Leu Val Met Leu Lys Lys Lys
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Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
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Gly Leu Met Val Gly Gly Val Val
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<212> PRT
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<222> (1)..(1)
<223> Xaa is L-Asp, D-Asp, or L-iso Asp

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Xaa Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1 5 10 15

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
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Gly Leu Met Val Gly Gly Val Val Ile Ala
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Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
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Gly Leu Met Val Gly Gly Val Val Ile Ala Thr
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Xaa Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys Leu Val
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Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile Gly Leu
20 25 30

Met Val Gly Gly Val Val Ile Ala
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<210> 6
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Xaa Val His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser
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Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala
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<210> 7
<211> 26
<212> PRT
<213> Homo sapiens

<400> 7

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
1 5 10 15

Gly Leu Met Val Gly Gly Val Val Ile Ala
20 25

<210> 8
<211> 14
<212> PRT
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<400> 8

Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
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<210> 9
<211> 15
<212> PRT
<213> Hepatitis B virus

<400> 9

Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Phe Gln Ser Leu Asp
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<210> 10

<211> 30
<212> PRT
<213> Pertussis toxin bacteria

<400> 10

Lys Lys Leu Arg Arg Leu Leu Tyr Met Ile Tyr Met Ser Gly Leu Ala
1 5 10 15

Val Arg Val His Val Ser Lys Glu Glu Gln Tyr Tyr Asp Tyr
20 25 30

<210> 11
<211> 17
<212> PRT
<213> Tetanus toxin bacteria

<400> 11

Lys Lys Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
1 5 10 15

Leu

<210> 12
<211> 22
<212> PRT
<213> Tetanus toxin bacteria

<400> 12

Lys Lys Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys
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Val Ser Ala Ser His Leu
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Tyr Met Ser Gly Leu Ala Val Arg Val His Val Ser Lys Glu Glu
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<210> 14
<211> 27
<212> PRT
<213> Tetanus toxin bacteria

<400> 14

Tyr Asp Pro Asn Tyr Leu Arg Thr Asp Ser Asp Lys Asp Arg Phe Leu

1 5 10 15

Gln Thr Met Val Lys Leu Phe Asn Arg Ile Lys
20 25

<210> 15
<211> 24
<212> PRT
<213> Pertussis toxin bacteria

<400> 15

Gly Ala Tyr Ala Arg Cys Pro Asn Gly Thr Arg Ala Leu Thr Val Ala
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Glu Leu Arg Gly Asn Ala Glu Leu
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<210> 16
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<213> Measles virus

<400> 16

Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly Val
1 5 10 15

<210> 17
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<213> Measles virus

<400> 17

Gly Ile Leu Glu Ser Arg Gly Ile Lys Ala Arg Ile Thr His Val Asp
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Thr Glu Ser Tyr
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<210> 18
<211> 16
<212> PRT
<213> Tetanus toxin bacteria

<400> 18

Trp Val Arg Asp Ile Ile Asp Asp Phe Thr Asn Glu Ser Ser Gln Lys
1 5 10 15

<210> 19
<211> 16
<212> PRT
<213> Tetanus toxin bacteria

<400> 19

Asp Val Ser Thr Ile Val Pro Tyr Ile Gly Pro Ala Leu Asn His Val
1 5 10 15

<210> 20
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<212> PRT
<213> Chlamydia trachomitis

<400> 20

Ala Leu Asn Ile Trp Asp Arg Phe Asp Val Phe Cys Thr Leu Gly Ala
1 5 10 15

Thr Thr Tyr Leu Lys Glu Asn Ser
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<210> 21
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<213> Diphteria toxin bacteria

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Asp Ser Glu Thr Ala Asp Asn Leu Glu Lys Thr Val Ala Ala Leu Ser
1 5 10 15

Ile Leu Pro Gly Ile Gly Cys
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<210> 22
<211> 39
<212> PRT
<213> Diphteria toxin bacteria

<400> 22

Glu Glu Ile Val Ala Gln Ser Ile Ala Leu Ser Ser Leu Met Val Ala
1 5 10 15

Gln Ala Ile Pro Leu Val Gly Glu Leu Val Asp Ile Gly Phe Ala Ala
20 25 30

Thr Asn Phe Val Glu Ser Cys
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<210> 23
<211> 21
<212> PRT
<213> Plasmodium falciparum

<400> 23

Asp Ile Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe
1 5 10 15

Asn Val Val Asn Ser
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<210> 24
<211> 16
<212> PRT
<213> Schistoma mansoni

<400> 24

Lys Trp Phe Lys Thr Asn Ala Pro Asn Gly Val Asp Glu Lys Ile Arg
1 5 10 15

<210> 25
<211> 14
<212> PRT
<213> Escherichia coli

<400> 25

Gly Leu Gln Gly Lys Ile Ala Asp Ala Val Lys Ala Lys Gly
1 5 10

<210> 26
<211> 19
<212> PRT
<213> Escherichia coli

<400> 26

Gly Leu Ala Ala Gly Leu Val Gly Met Ala Ala Asp Ala Met Val Glu
1 5 10 15

Asp Val Asn

<210> 27
<211> 20
<212> PRT
<213> Escherichia coli

<400> 27

Ser Thr Glu Thr Gly Asn Gln His His Tyr Gln Thr Arg Val Val Ser
1 5 10 15

Asn Ala Asn Lys
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